Index of Claims

Rejected

Allowed

| Application No. | Applicant(s)  |  |
|-----------------|---------------|--|
| 10/619,656      | HILBIG ET AL. |  |
| Examiner        | Art Unit      |  |

1731

José A. Fortuna

| _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|--------------------------------|---|--------------|---|----------|
| ÷ | Restricted                     | ı | Interference | o | Objected |

| Cla          | aim      | Date   |              |  |  |  |          |           | ]            | Claim Date |   |          |          |                 |          |          |          |          | ]        | Claim Date |               |              |   |          |                   |          |          |          |                |           |          |                 |          |           |
|--------------|----------|--|--------------|--|--|--|----------|-----------|--------------|------------|---|----------|----------|-----------------|----------|----------|----------|----------|----------|------------|---------------|--------------|---|----------|-------------------|----------|----------|----------|----------------|-----------|----------|-----------------|----------|-----------|
|              | -m       | _  |              |  |  |  |          |           |              |            |   |          | ā        |                 |          | T        |          | $\Box$   |          |            |               |              |   |          |                   |          |          |          |                |           |          |                 | T        | 7         |
| Final        | Original | 5/7/06   |              |  |  |  |          |           | 1            |            |   | Final    | Original |                 |          |          |          |          |          |            |               |              |   | Final    | Original          |          |          |          |                |           |          |                 |          |           |
| ΙŒ           | Ϊ́δ̈     | 25   |              |  | 1  | ł  |          |           | 1            |            | l | ፲፫       | Ö        |                 |          |          |          |          |          |            |               |              |   | ΙŒ       | 6                 |          | ŀ        |          |                |           |          |                 |          |           |
|              |          | <del> </del>                                     |              | <u> </u>   | <b>├</b>   | <u> </u>   | $\vdash$ | +         | ┢            |            | - |          |          | $\vdash \vdash$ |          | $\dashv$ | -        | -        | $\dashv$ |            |               | _            | ł | <u> </u> | $\longrightarrow$ |          | -        | _        |                | $\dashv$  | $\dashv$ | $\vdash$        | +        | 4         |
| ļ            | 1_       | 1  |              |  | $\vdash$   | $\vdash$   | _        | $\vdash$  | _            | _          |   |          | 51       | $\square$       | $\vdash$ | _        | 4        | 4        | _        | _          |               |              | - |          | 101               |          | -        |          | $\vdash$       |           |          | $\dashv$        | -        | 4         |
| <u></u>      | 2        | √_   |              | _  | L.   | $ldsymbol{f eta}$                                |          | $\perp$   | $oxed{oxed}$ |            |   |          | 52       |                 | $\Box$   | _        | _        |          |          |            |               | L.,          |   |          | 102               |          | _        |          | Ш              |           | $\Box$   | $\sqcup$        | $\perp$  | _         |
|              | 3        | <b>√</b>   |              |  |  | j  | ]        |           |              |            |   | l        | 53       |                 |          |          |          |          |          |            |               |              |   |          | 103               |          |          |          |                |           |          |                 |          |           |
|              | 4        | √  |              |  |  |  |          | П         |              |            |   |          | 54       |                 |          |          | ı        |          |          |            |               |              |   |          | 104               |          |          |          |                |           |          |                 |          |           |
|              | 5        | <b>4</b>   |              |  |  |  | T        | $\top$    |              |            | 1 |          | 55       |                 |          |          |          | $\Box$   |          |            |               |              | 1 |          | 105               |          |          |          |                |           |          |                 |          |           |
|              | 6        | 1  |              | ┢  | T  | <u> </u>   |          | T         |              |            |   |          | 56       |                 | $\Box$   | ╅        | 寸        | コ        |          | $\neg$     |               |              | 1 |          | 106               |          |          |          |                |           |          |                 | $\dashv$ | ᅦ         |
|              | 7        | 1  |              | <del>                                     </del> |  | 1  | H        | +         |              |            |   |          | 57       | $\exists$       |          | -        | $\dashv$ | -1       | $\dashv$ | -          |               |              | l |          | 107               |          | ┪        | _        | $\vdash$       |           |          | $\dashv$        | $\dashv$ | $\dashv$  |
| -            | 8        | <u>                                     </u>     | -            |  | ├  | ┢  | ╁        | +         | -            | _          | l |          | 58       | $\vdash$        | -        |          |          |          | $\dashv$ | -          |               |              | ł |          | 108               |          | $\dashv$ | $\dashv$ | $\vdash$       | -         |          | $\dashv$        | $\dashv$ | $\dashv$  |
|              | 9        | $\vdash$   | $\vdash$     | $\vdash$   | ┢  | ╁  | ╁        | ╁         | -            |            | ł |          | 59       | $\vdash$        | $\dashv$ | $\dashv$ |          | ᅱ        | -        | -          |               |              | ł | -        | 109               | $\dashv$ | $\dashv$ |          | Н              | $\vdash$  | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$  |
|              | 10       | ┢  |              | -  | H  | ┪  | ┢        | T         |              | $\vdash$   | 1 | -        | 60       |                 |          | 寸        |          | t        |          |            |               | Н            | l |          | 110               | T        | 寸        | _        |                |           |          | $\Box$          | $\dashv$ | ᅥ         |
| 1            | 11       | T  |              |  | T  | t  | T        | T         | T            |            | 1 |          | 61       | $\Box$          | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   | $\dashv$ |            | $\overline{}$ |              | 1 |          | 111               | $\neg$   | 寸        | $\neg$   | П              | $\Box$    |          | $\sqcap$        | 7        | ᅥ         |
|              | 12       |  |              |  |  |  |          | T         |              |            | 1 |          | 62       |                 |          | 一        |          |          | $\neg$   |            |               |              |   |          | 112               |          |          |          |                |           |          |                 |          |           |
|              | 13       |  |              |  |  |  |          |           |              |            |   |          | 63       |                 |          |          |          |          |          |            |               |              | ] |          | 113               |          |          |          |                |           |          |                 |          |           |
|              | 14       | 匚  |              | 匚  |  |  |          | 匚         |              |            | 1 |          | 64       |                 |          | ]        | $\Box$   |          |          |            |               |              |   |          | 114               | $\Box$   | $\Box$   |          |                |           |          | $\Box$          | $\Box$   |           |
| <u></u>      | 15       | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   |          | 1_        | <u> </u>     | <u> </u>   | 1 |          | 65       | Щ               | _        | _        |          |          | _        |            |               |              |   | <u></u>  | 115               | $\Box$   |          |          | Ш              | Щ         | Ш        | $\sqcup$        | $\perp$  | _         |
| <u> </u>     | 16       | <del> </del>                                     |              | <u> </u>   | $\vdash$   | <u> </u>   | _        | $\perp$   | <u> </u>     | _          | 1 |          | 66       | $\square$       | $\sqcup$ | _        |          |          | _        | _          |               | Ш            |   |          | 116               | $\Box$   | _        | _        | Ш              | $\square$ | Щ        | Щ               | _        | _         |
| <u> </u>     | 17       | ├  |              |  | ├  | ⊢  | -        | ┼         | -            | <u> </u>   | - | <u> </u> | 67       | dash            | $\vdash$ |          | _        |          |          |            |               | $\vdash$     | ł | <u> </u> | 117               |          | $\dashv$ | -        | Н              | $\square$ |          | $\vdash \vdash$ | -+       |           |
| $\vdash$     | 18<br>19 | -  | <del> </del> | -  | ├-   | ├-   | -        | +         | ┼            | _          | 1 | <u> </u> | 68<br>69 | ⊢┤              |          | -        |          | $\dashv$ | $\dashv$ | _          |               | $\vdash$     | ł | _        | 118<br>119        | -        | $\dashv$ | _        | $\vdash$       | $\dashv$  |          | $\vdash$        | $\dashv$ | $\dashv$  |
| <del> </del> | 20       | ├  | -            | -  | ┢  | ┢  | ┢        | +-        | ├            | -          | 1 |          | 70       | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          |          | -        |            |               | -            |   | $\vdash$ | 120               | $\dashv$ | -        | _        | $\vdash$       | $\dashv$  | $\vdash$ | $\vdash$        | $\dashv$ | ᅱ         |
| $\vdash$     | 21       | $\vdash$   | $\vdash$     | -  | $\vdash$   | -  | +        | +-        | ╁            | <u> </u>   | 1 | <u> </u> | 71       | $\vdash$        | $\dashv$ | $\dashv$ |          |          |          | -          |               | -            |   |          | 121               | $\dashv$ | $\dashv$ |          | $\vdash$       | $\dashv$  | $\vdash$ | $\vdash$        | $\dashv$ | ᅱ         |
|              | 22       | -  | _            | -  | -  | <del>                                     </del> | $\vdash$ | +-        | $\vdash$     | _          | ł |          | 72       | $\dashv$        | $\dashv$ | $\dashv$ |          |          | $\neg$   | _          | _             |              | 1 |          | 122               | $\dashv$ | ┪        | _        |                | $\dashv$  |          |                 |          | ㅓ         |
| <b></b>      | 23       |  | П            | $\vdash$   |  | t  |          | $\top$    | Т            | $\vdash$   | 1 | <b>—</b> | 73       | $\vdash$        | $\dashv$ | 寸        | 一        | $\dashv$ |          |            |               |              | 1 |          | 123               | $\dashv$ | $\dashv$ |          | П              | Н         |          | П               | 一        | $\neg$    |
|              | 24       |  |              | l  | 1  | İ  |          | 1         |              |            | 1 |          | 74       |                 |          |          | 寸        |          |          |            |               |              |   |          | 124               |          |          |          |                |           |          |                 | 丁        | $\exists$ |
|              | 25       |  |              |  |  |  |          |           |              |            |   |          | 75       |                 |          |          |          |          |          |            |               |              | ] |          | 125               |          | コ        |          |                |           |          |                 |          | ╛         |
|              | 26       |  |              |  |  |  |          |           |              |            |   |          | 76       | Ш               |          |          |          |          |          |            |               |              |   |          | 126               |          |          |          |                |           |          |                 | $\Box$   |           |
| <u> </u>     | 27       |  |              |  |  | <u> </u>   | L        | 1         |              |            |   |          | 77       | Ш               | Ц        | [        | _]       | _]       |          |            |               |              |   | <u></u>  | 127               | ļ        | _        |          | Ш              |           |          | $  \_  $        | _        | ᆜ         |
|              | 28       |  |              | <u> </u>   |  |  | ╙        | <u> </u>  | <u> </u>     |            |   |          | 78       |                 |          |          | _        | $\dashv$ | _        |            |               |              |   |          | 128               | _        | _        | _        | Ш              |           |          | $\sqcup$        | _        | ᆜ         |
| <u> </u>     | 29       | ├  |              | $\vdash$   | <u> </u>   | <u> </u>   | $\vdash$ | +         |              | _          |   |          | 79       |                 | _        | _        | 4        | _        | -        |            |               | $\vdash$     | ł | <u></u>  | 129               | $\dashv$ | -        |          | Н              | -         |          | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
| <del></del>  | 30<br>31 | $\vdash$   | $\vdash$     | $\vdash$   | ₩  | ₩  | ├-       | +         | $\vdash$     | _          | ł | <u> </u> | 80<br>81 | $\vdash \vdash$ | $\vdash$ | -        |          |          |          | _          |               | <u> </u>     | ł | <b>—</b> | 130<br>131        | $\dashv$ | -        |          | Н              |           | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
|              | 32       | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | ├  | $\vdash$ | +         | +-           | <u> </u>   | ł |          | 82       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |          |          | =          |               | <u> </u>     | 1 | -        | 131               | $\dashv$ | $\dashv$ | -        | $\vdash$       | $\vdash$  | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
| <del> </del> | 33       | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | +         | $\vdash$     | <b>-</b>   | ł | -        | 83       | $\vdash$        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -          |               | <del> </del> | 1 | <u> </u> | 133               |          |          | -        | $\vdash$       | -         | Н        | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
| $\vdash$     | 34       | $\vdash$   | $\vdash$     | $\vdash$   | <del>                                     </del> | t  | $\vdash$ | +         | t            | $\vdash$   | i | $\vdash$ | 84       | $\vdash$        | $\dashv$ | $\dashv$ | ᅱ        | ᅥ        | $\dashv$ |            |               | $\vdash$     | 1 |          | 134               | $\dashv$ | $\dashv$ |          | H              | $\vdash$  | $\vdash$ | $\vdash$        | $\dashv$ | ᅱ         |
|              | 35       | Ι  | ┢            | $\vdash$   | $t^-$  | $t^-$  | t        | $\dagger$ | T            | $\vdash$   | 1 |          | 85       | $\vdash$        |          | $\neg$   | $\dashv$ | $\dashv$ | _        |            |               | <u> </u>     | 1 |          | 135               | $\dashv$ | 1        |          | H              |           |          | $\vdash$        | $\dashv$ | $\dashv$  |
|              | 36       |  |              | $\vdash$   | t  |  | 1        | $\top$    |              |            | 1 |          | 86       |                 |          | $\neg$   | 一        |          |          |            |               |              | 1 |          | 136               |          |          | T        | П              |           |          |                 |          | ╗         |
|              | 37       |  |              |  |  |  | Γ        | 1         |              |            | ] |          | 87       |                 |          |          |          |          |          |            |               |              | ] |          | 137               |          |          |          |                |           |          |                 |          |           |
|              | 38       |  |              |  |  |  |          |           |              |            |   |          | 88       |                 |          |          |          |          |          |            |               |              | ] |          | 138               |          |          |          |                |           |          |                 | J        |           |
|              | 39       | $\Box$   |              |  |  |  | Ĺ        | $\perp$   |              |            | Į |          | 89       |                 |          |          |          |          |          |            |               | L            | 1 |          | 139               | $\Box$   | [        |          | Ш              | Ш         |          | Ш               | $\perp$  | _         |
|              | 40       | <u> </u>   |              | <u> </u>   | <u> </u>   | <u> </u>   | L        | $\perp$   | <u></u>      | _          | l |          | 90       | Щ               |          | _        | ļ        | _        |          |            |               | L_           |   |          | 140               | _        | _        | _        | Щ              | Ш         | Щ        | $\sqcup$        | _        | _         |
|              | 41       | <u> </u>   | _            | L  | ┞-   | <u> </u>   | L        | $\perp$   | $\vdash$     | L.         |   |          | 91       | $\sqcup$        | $\sqcup$ | $\dashv$ |          |          | _        |            |               | <u> </u>     | 1 |          | 141               | $\Box$   | _        | _        | Ш              | Ш         |          | $\vdash \dashv$ | -        | _         |
| <u> </u>     | 42       | ⊢  | $\vdash$     | _  | $\vdash$   | ├  | $\vdash$ | +         | ├            | <u> </u>   | 1 | <u> </u> | 92       | $\vdash$        | $\dashv$ |          | $\dashv$ |          | 4        | _          |               | <u> </u>     | 1 |          | 142               | $\dashv$ |          | _        | Щ              | Н         | Щ        | $\vdash$        |          |           |
| <u> </u>     | 43       | $\vdash$   | $\vdash$     | <u> </u>   | $\vdash$   | ₩  | $\vdash$ | +         | $\vdash$     | <u> </u>   | - | <u> </u> | 93<br>94 |                 |          |          |          |          | -        |            |               | $\vdash$     | 1 | -        | 143<br>144        | -        | $\dashv$ | $\dashv$ | $\vdash\vdash$ |           | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  |
|              | 45       | ⊢  | $\vdash$     | <u> </u>   | $\vdash$   | ₩  | $\vdash$ | +         | $\vdash$     | H          | 1 | <u> </u> | 95       | $\vdash$        |          |          | $\dashv$ |          | -        |            |               | H            | ł |          | 144               | $\vdash$ | -        |          | Н              | $\vdash$  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  |
| $\vdash$     | 46       | $\vdash$   | $\vdash$     | ┝  |  | ├-   | -        | ╁╌        | <del> </del> | -          | 1 | <u> </u> | 96       | $\vdash$        | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ |            |               | $\vdash$     | 1 | -        | 146               | $\dashv$ |          |          | Н              | $\vdash$  | Н        | $\vdash$        | -+       | $\dashv$  |
|              | 47       | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>                                     | +        | +-        | +            |            | 1 | $\vdash$ | 97       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |            | -             | $\vdash$     |   |          | 147               |          | $\dashv$ |          | Н              | $\vdash$  |          | $\vdash \vdash$ | -        | ᅥ         |
|              | 48       | $\vdash$   |              | $\vdash$   | $t^-$  | ╁  | $\vdash$ | T         | $\vdash$     | _          | İ | $\vdash$ | 98       | $\vdash$        |          | 十        | $\dashv$ | $\dashv$ |          | $\vdash$   |               | П            |   | -        | 148               |          |          |          | Н              | Н         | Н        |                 | 十        | $\exists$ |
|              | 49       | <del>                                     </del> |              | $\vdash$   | t -  | Т  |          | $\top$    | Т            |            | 1 |          | 99       | $\Box$          | $\dashv$ | 一        | 一        | _        | $\neg$   |            |               | Т            |   |          | 149               | $\dashv$ | $\dashv$ |          | П              | Н         |          |                 |          | ╗         |
|              | 50       |  |              | Г  |  | П  | Т        | 1         |              |            | 1 |          | 100      |                 |          |          |          | $\neg$   |          |            |               |              | 1 |          | 150               |          | $\neg$   |          |                |           |          |                 |          |           |